

ISO/IEC JTC 1 – Request for freely available standards Form

In order for ISO CS and IEC CO (ITTF) to consider a standard to be freely available, requests must use this Form.

Preparation: 1) This Request Form is to be completed by the Committee Manager with the collaboration of the relevant Project Editor or WG Convenor.

Approval: 1) the Committee Manager ballots the Request Form within the SC; 2) the Committee Manager submits the Request Form and approval Resolution to the JTC 1 Secretariat; 3) the JTC 1 Secretariat reviews the request and submits the Form to the ISO/IEC ITTF TPMs for approval; 4) once ISO and IEC approval of the criteria has been granted, ISO and IEC TPMs inform the JTC 1 Secretariat; and 5) final approval granted by JTC 1 resolution.

Please note that for approval as a freely available standard, within JTC 1, ISO and IEC committees, the standard shall conform to at least one criteria and rationale listed below, the justification table must include clear indication of which and how it applies.

NUMBER	CRITERIA	RATIONALE
C.1	Publications that are merely references (pointers) to other documents, e.g. developed outside JTC 1	Available free from other sites
C.2	Publications for which authorized identical documents are freely available in electronic format elsewhere	Available free from other sites
C.3	Technical Corrigenda	Free in IEC
C.4	Testing bitstreams and reference software	Originally part of standards
C.5	Reference Models A: Standards which explain the relationships between existing standards	Catalogues of standards for sales promotion
C.6	Reference models B: Architectural descriptions which describe frameworks to guide standards development, including profiles and taxonomies	Not implementable specifications and enhance awareness and influence of JTC 1
C.7	Purely introductory parts of multi-part standards	Catalogues of standards for sales promotion

NOTE 1: Criteria based on ISO Council vote 06/2004 - Annex to document CB/278/DL

NOTE 2: Technical Reports were deleted to align with other IEC documents

Justification (explain in detail how does the document meet the selected criterium)

Work item	ISO/IEC 24772-1 Programming languages - Guidance to avoiding vulnerabilities in programming languages - Part 1: Language-independent guidance
Date:	7 July 2021
Criteria	JUSTIFICATION
6.	<p>1. DIS 24772-1 catalogues programming language vulnerabilities and their mitigations. Specifically, it includes recommendations to the users of programming languages on features of programming languages to be avoided, on ways to reduce mistakes if they use potentially difficult language features, and on architectural features that are preferred to develop safe and secure programs.</p> <p>2. The document and its dependent language-specific parts help system designers and managers to evaluate the risk of using specific computer languages for a given proposed architecture and affect the choices of standard programming languages used. They also help designers evaluate the risks of using architectural features in whichever language they are using.</p> <p>3. The document includes recommendations to the architects of programming languages regarding areas that they might address in future revisions. It demonstrates the commitment of JTC 1 to meet the challenges of modern Information Technology.</p> <p>4. The document does not contain normative provisions, in the sense that it provides direction and guidance, not requirements.</p> <p>5. The use of the document depends on the purchase of applicable programming language standards as well as relevant safety and security standards.</p>
	The previous versions of this document, TR 24772:2010 and TR 24772:2012, were approved for free availability.

Does the deliverable contain additional content deemed as to be contained in an ISO or IEC deliverable available at a cost?

Yes or No	No
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RESPONSE FROM ITTF

Yes or No	
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